## SEQUENCE LISTING

<110> Mills, Allen P. Yurke, Bernard Platzman, Philip M.

<120> ANALOG AND NEURAL NETWORK COMPUTATION USING DNA

<130> 31860-139491

<140> 09/129,958

<141> 1998-08-06

<150> 09/078,761

<151> 1998-05-15

<150> 09/018,248

<151> 1998-02-03

<150> 60/086,654

<151> 1998-05-26

<160> 4

<170> PatentIn Ver. 2.0

<210> 1

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA based analog oligonucleotide

<400> 1

agctatcgat

<210> 2 <211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: DNA based

analog oligonucleotide

<220>

<223> the 3' end of this oligonucleotide is attached to about 3-6 oligomer subunits defined as S(r)...S(2)S(1)

(complement) where r is the number of oligomer

subunits.

<400> 2

aatgcaagat cgaaatttat acgtttatct tac

<210> 3



RECEIVED

OCT 2 0 1999

**TECH CENTER 1600/2900** 

10

33

	<211> <212> <213>		
	<220> <223>	Description of Artificial Sequence: DNA based analog oligonucleotide	
}	<220> <223>	the 3' end of this oligonucleotide is attached to about 3-6 oligomer subunits defined as $R(1)R(2)R(r)$ where r is the number of oligomer subunits.	
	<400> aatgca		33
	<210><211><212><212><213>	30	
	<220> <223>	Description of Artificial Sequence: DNA based analog oligonucleotide	
	<400> aatgc	4 aagat cgaaatttat acgtttatct	30